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1 A dataflow representation for defining behaviours within virtual environments

A. Steed, M. Slater

March 1996 **VRAIS '96:** Proceedings of the 1996 Virtual Reality Annual International Symposium (VRAIS 96)

Publisher: IEEE Computer Society

Full text available: Publisher Site

Additional Information: full citation, abstract, cited by

Bibliometrics: Downloads (6 Weeks): n/a, Downloads (12 Months): n/a, Downloads (Overall): n/a, Citation Count: 6

Construction of immersive virtual environments usually takes place outside the virtual environment in configuration files or application code. The system presented in this paper allows interaction with and behaviours of objects to be defined whilst immersed ...

Keywords: application code, configuration files, customization, data flow analysis, dataflow representation, dialogue, immersive virtual environments, input devices, program diagnostics, user interfaces, virtual environments, virtual objects, virtual reality, visual programming

2 ACM SIGCSE Bulletin: Volume 17 Issue 2

James E. Miller

June 1985 SIGCSE Bulletin

Publisher: ACM

Additional Information: full citation, index terms

Bibliometrics: Downloads (6 Weeks): n/a, Downloads (12 Months): n/a, Downloads (Overall): n/a, Citation Count: 0

3 Comparing the Communication Performance and Scalability of a Linux and an NT Cluster of PCs, a Cray Origin 2000, an IBM SP and a Cray T3E-600

Glenn R. Luecke, Bruno Raffin, James J. Coyle

December 1999 **IWCC '99:** Proceedings of the 1st IEEE Computer Society International Workshop on Cluster Computing

Publisher: IEEE Computer Society

Full text available: Publisher Site

Additional Information: full citation, abstract, cited by

Bibliometrics: Downloads (6 Weeks): n/a, Downloads (12 Months): n/a, Downloads (Overall): n/a, Citation Count: 2

This paper presents scalability and communication performance results for a cluster of PCs running Linux with the GM communication library, a cluster of PCs running Windows NT with the HPVM communication library, a Cray T3E-600, an IBM SP and a Cray ...

Keywords: Cluster of PCs Running Linux, Cluster of PCs Running Window NT, Communication Performance, Cray Origin 2000, Cray T3E-600, IBM SP, MPI Library, Myrinet Network, Parallel Computers, Scalability

4 VisPad: Integrating Visualization, Navigation and Synthesis

Yedendra B. Shrinivasan, Jarke J. van Wijk

October 2007 **VAST '07: Proceedings of the 2007 IEEE Symposium on Visual Analytics Science and Technology - Volume 00** , Volume 00

Publisher: IEEE Computer Society

Full text available: Publisher Site Additional Information: full citation, abstract

Bibliometrics: Downloads (6 Weeks): n/a, Downloads (12 Months): n/a, Downloads (Overall): n/a, Citation Count: 0

We present a new framework - VisPad - to support the user to revisit the visual exploration process, and to synthesize and disseminate information. It offers three integrated views. The data view allows the user to interactively explore the data. The ...

5 Similarity Measurement Between Images

Chaur-Chin Chen, Hsueh-Ting Chu

July 2005 **COMPSAC '05: Proceedings of the 29th Annual International Computer Software and Applications Conference - Volume 02** , Volume 02

Publisher: IEEE Computer Society

Full text available: Publisher Site Additional Information: full citation, abstract

Bibliometrics: Downloads (6 Weeks): n/a, Downloads (12 Months): n/a, Downloads (Overall): n/a, Citation Count: 0

Experimental results of applying two similarity measurements, Euclidean distance and chord distanc, to test a set of six Brodatzýs textures are reported. Experiments show that in addition to feature extraction, A similarity measurement between images ...

Also published in:

July 2005 **COMPSAC '05: Proceedings of the 29th Annual International Computer Software and Applications Conference - Volume 02** Volume 02

6 Global stabilization for systems evolving on manifolds

M. Malisoff, M. Krichman, E. Sontag

April 2006 **Journal of Dynamical and Control Systems** , Volume 12 Issue 2

Publisher: Kluwer Academic Publishers

Additional Information: full citation, abstract, references, index terms

Bibliometrics: Downloads (6 Weeks): n/a, Downloads (12 Months): n/a, Downloads (Overall): n/a, Citation Count: 0

We show that any globally asymptotically controllable system on any smooth manifold can be globally stabilized by a state feedback. Since we allow discontinuous feedbacks, we interpret the solutions of our systems in the "sample and hold" sense introduced ...

Keywords: asymptotic controllability, control systems on manifolds, input-to-state stabilization

7 Discovery of Web Services Based on Collaborated Semantic Link Network

Fangfang Liu, Xiangfeng Luo, Zheng Xu, Xuhui Liu

July 2008 **WSCS '08: Proceedings of the IEEE International Workshop on Semantic Computing and Systems - Volume 00** , Volume 00

Publisher: IEEE Computer Society

Full text available: Publisher Site Additional Information: full citation, abstract

Bibliometrics: Downloads (6 Weeks): n/a, Downloads (12 Months): n/a, Downloads (Overall): n/a, Citation Count: 0

Web service becomes an important paradigm for internet application. To realize users' complex requirements, services with different functions, but sharing common features, should be selected quickly from a huge number of services on internet to ...

Keywords: Web servcie, discovery, collaboration

8 Factoring Multivariate Integral Polynomials

Arjen K. Lenstra

July 1983 Proceedings of the 10th Colloquium on Automata, Languages and Programming

Publisher: Springer-Verlag

Additional Information: full citation, cited by

Bibliometrics: Downloads (6 Weeks): n/a, Downloads (12 Months): n/a, Downloads (Overall): n/a, Citation Count: 1

9 Collaborative Decision Making in ERP

June 2008 Proceeding of the 2008 conference on Collaborative Decision Making: Perspectives and Challenges

Publisher: IOS Press

Additional Information: full citation

Bibliometrics: Downloads (6 Weeks): n/a, Downloads (12 Months): n/a, Downloads (Overall): n/a, Citation Count: 0

10 Supporting RFID-based item tracking applications in Oracle DBMS using a bitmap datatype

Ying Hu, Seema Sundara, Timothy Chorma, Jagannathan Srinivasan

August 2005 **VLDB '05:** Proceedings of the 31st international conference on Very large data bases

Publisher: VLDB Endowment

Full text available: Pdf (200.93 KB) Additional Information: full citation, abstract, references, cited by, index terms

Bibliometrics: Downloads (6 Weeks): 103, Downloads (12 Months): 192, Downloads (Overall): 965, Citation Count: 6

Radio Frequency Identification (RFID) based item-level tracking holds the promise of revolutionizing supply-chain, retail store, and asset management applications. However, the high volume of data generated by item-level tracking poses challenges to ...

11 A generalized task concept for multiprocessor real-time systems

Gerhard Schrott

April 1987 **Microprocessing and Microprogramming** , Volume 20 Issue 1-3

Publisher: Elsevier Science Publishers B. V.

Additional Information: full citation, index terms

Bibliometrics: Downloads (6 Weeks): n/a, Downloads (12 Months): n/a, Downloads (Overall): n/a, Citation Count: 0

12 Workshop on aggregated search

Vanessa Murdock, Mounia Lalmas

November 2008 **SIGIR Forum** , Volume 42 Issue 2

Publisher: ACM

Full text available: Pdf (356.12 KB) Additional Information: full citation, abstract, index terms

Bibliometrics: Downloads (6 Weeks): 41, Downloads (12 Months): 83, Downloads (Overall): 83, Citation Count: 2

The Workshop on Aggregated seeks to define the research problems for aggregated search results, and to build a community of researchers working in this emerging area. Aggregated search addresses the issues of how to select and rank resources, how to ...

13 Square Rooting Algorithms for Integer and Floating-Point Numbers

R. Hashemian

August 1990 **IEEE Transactions on Computers** , Volume 39 Issue 8

Publisher: IEEE Computer Society

Full text available: Publisher Site Additional Information: full citation, abstract, references, cited by, index terms

Bibliometrics: Downloads (6 Weeks): n/a, Downloads (12 Months): n/a, Downloads (Overall): n/a, Citation Count: 3

An algorithm for evaluating the square root of integers and real numbers is developed. The procedure consists of two parts: one to obtain a close estimate of the square root and the other to modify the initial value, iteratively, until a precise root ...

Keywords: bit-shift operation, close estimate, digital arithmetic, division by 2, fast converging iteration, floating-point numbers, initial value modification, integer numbers, iterative methods, number theory., precise root, real numbers, square rooting algorithms

14 Simple and efficient scheduling scheme in sensor networks

Ensaf A. Alzurqa, Hesham N. Elmahdy, Gamal Darwish

August 2008 **AICC'08:** Proceedings of the 8th conference on Applied informatics and communications

Publisher: World Scientific and Engineering Academy and Society (WSEAS)

Additional Information: full citation, abstract, references, index terms

Bibliometrics: Downloads (6 Weeks): n/a, Downloads (12 Months): n/a, Downloads (Overall): n/a, Citation Count: 0

The design of data communication protocols in wireless sensor networks often take into account real-time delivery of reports of the mission critical applications. The sensed data need to be delivered with some real-time constraints, such as end-to-end ...

Keywords: braided routing, multipaths routing, real-time communication, scheduling scheme, sensor networks

15 Presenting in html

Erik Wilde, Philippe Cattin

August 2007 **DocEng '07:** Proceedings of the 2007 ACM symposium on Document engineering

Publisher: ACM Request Permissions

Full text available: Pdf (207.13 KB) Additional Information: full citation, abstract, index terms

Bibliometrics: Downloads (6 Weeks): 62, Downloads (12 Months): 76, Downloads (Overall): 123, Citation Count: 0

The management and publishing of complex presentations is poorly supported by available presentation software. This makes it hard to publish usable and accessible presentation material, and to reuse that material for continuously evolving events. XSLidy ...

Keywords: XSLidy, presentation

16 Solutions to logic problems in APL2

James A. Brown, Manuel Alfonseca

January 1987 **APL '87:** Proceedings of the international conference on APL: APL in transition

Publisher: ACM

Full text available: Pdf (492.53 KB) Additional Information: full citation, abstract, references, cited by, index terms

Bibliometrics: Downloads (6 Weeks): 5, Downloads (12 Months): 18, Downloads (Overall): 160, Citation Count: 3

Logic problems are traditionally solved using notations invented for their solution. APL provides a different way to look at logic problems. This paper looks at some logic problems and shows how they can be solved, at least conceptually, ...

Also published in:

May 1987 **SIGAPL APL Quote Quad** Volume 17 Issue 4

17 A project to teach microprogrammed asynchronous system design

Sarma R. Vishnubhotla

February 1978 Papers of the SIGCSE/CSA technical symposium on Computer science education

Publisher: ACM Request Permissions

Full text available: Pdf (451.85 KB) Additional Information: full citation, abstract, references, cited by

Bibliometrics: Downloads (6 Weeks): 3, Downloads (12 Months): 8, Downloads (Overall): 72, Citation Count: 1

Teaching courses in logic and systems design is not complete unless the students are able to design a logic system as a part of their course work. A project on the design of an asynchronous computer system is presented in this paper. This system is microprogrammed ...

Also published in:

February 1978 **SIGCSE Bulletin** Volume 10 Issue 1

18 A Novel Hybrid PSO-BP Algorithm for Neural Network Training

Jun Liu, Xiaohong Qiu

April 2009 **CSO '09: Proceedings of the 2009 International Joint Conference on Computational Sciences and Optimization - Volume 01** , Volume 01

Publisher: IEEE Computer Society

Full text available: Publisher Site

Additional Information: full citation, abstract

Bibliometrics: Downloads (6 Weeks): n/a, Downloads (12 Months): n/a, Downloads (Overall): n/a, Citation Count: 0

In order to search better solution in the high dimension space, the novel hybrid PSO-BP algorithm which combines the PSO mechanism with the Levenberg-Marquardt algorithm or the Conjugate gradient algorithm is proposed. The main idea employs BP algorithm ...

Keywords: Neural Network, PSO algorithm, the Levenberg-Marquardt algorithm, the Conjugate gradient algorithm

19 Evaluating Data Warehouse Toolkits

Joe Oates

January 1998 **IEEE Software** , Volume 15 Issue 1

Publisher: IEEE Computer Society Press

Full text available: Publisher Site

Additional Information: full citation

Bibliometrics: Downloads (6 Weeks): n/a, Downloads (12 Months): n/a, Downloads (Overall): n/a, Citation Count: 0

20 Electron-beam technology for open/short testing of multichip substrates

S. D. Golladay, N. A. Wagner, J. R. Rudert, R. N. Schmidt

February 1990 **IBM Journal of Research and Development** , Volume 34 Issue 2-3

Publisher: IBM Corp.

Additional Information: full citation, cited by, index terms

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